

Note: Answer all the questions in the answer sheets.

- I. Fill in the blanks: (1/2x6=3)
- 1) Air occupies space and has _____
 - 2) Air contains _____ percent of CO₂.
 - 3) _____ is the SI unit of length.
 - 4) The substances that cause air pollution are called _____.
 - 5) _____ is the method of comparing quantity with known fixed quantity of the same kind.
 - 6) The repeated back and forth movement about the rest position is called _____ motion.
- II. Define : (1x3=3)
- 1) Atmosphere
 - 2) Humidity
 - 3) Periodic motion.
- III. Answer the following questions in 3 - 4 sentences: (1 1/2x4=6)
- 1) What do you understand by circular motion? Give two examples.
 - 2) Why should we plant more trees ?
 - 3) Write two advantages of SI system.
 - 4) Name the two gases present in larger quantities in air. Write one use of each of them.
- IV. Answer **any four** of the following questions in 4 - 5 sentences : (2x4=8)
- 1) What is the difference between rectilinear and curvilinear motion. Write examples of each of them.

- 2) What happens when a bottle containing chilled water is placed on the table?
Give reasons.
- 3) Can a body have multiple motions at the same time? Explain with help of an example.
- 4) Write four uses of air.
- 5) How will you show that air is essential for burning a candle?
